

500 Men Here For Physics Conference

**Prof. Robley D. Evans
Chairman Of Meeting
On Nuclear Physics**

Three Nobel Prize winners and over five hundred other men outstanding in the field of nuclear physics are attending a conference on Applied Nuclear Physics being held at the Institute this week. Sponsored by the American Institute of Physics in cooperation with Technology, the conference began yesterday under the chairmanship of Professor Robley D. Evans of the department of Physics.

The general session for all members of the conference is to take place in Huntington Hall tomorrow, when President Karl T. Compton will address the gathering. Following the response by Dr. Paul E. Klopsteg, chairman of the American Institute of Physics, there will be a general technical session which will be devoted to the measurement and production of radioactive and stable isotopes, and of penetrating radiations.

Discuss Applications

Technical sessions, held yesterday and today, have been discussing the application of nuclear physics in geology, metallurgy, radiology, biology, and chemistry.

The conference's informal banquet will be held tomorrow evening at 6:45 P.M. in the Louis XIV room of the Somerset Hotel. Dr. Compton will officiate. The principal speaker of the
(Continued on Page 2)

Juniors, Seniors Elect Committees On Nov. 13

Members of the Senior Week and Junior Prom Committees will be chosen at elections to be held Wednesday, November 13, in the Main Lobby of Building 10.

Nomination blanks, which are available tomorrow at the Information Office, must be turned in at the Information Office between 9:00 A.M., Wednesday, November 7, and 1:00 P.M. Thursday, November 8. Twenty-five signatures are necessary for nomination.

Five men will be selected for the Junior Prom Committee, and 20 are to be chosen for the Senior Week Committee. One man can sign as many blanks as there are men to be elected.

The Tech To Poll Institute Opinion On 1940 Election

**Straw Vote Will Ask
Choice For Presidency
And Expected Winner**

A straw vote of Institute opinion on the national election will be held under the sponsorship of The Tech tomorrow, Wednesday, October 30, in Building 10, between the hours of 10:00 A.M. and 5:00 P.M.

Students and Faculty alike will be asked the following two questions:

(1) Who is your choice for the Presidency?
(2) Whom do you think will be elected as next President?

In order to gain a fair estimate of the consensus, as many Technology men as possible are asked to vote.

Savitt To Climax Friday Program

**Field Day Celebrants
Will Dance To Rhythm
Of Top Hatters**

Field Day celebrants will dance to the music of Jan Savitt and his Top Hatters at the Fourth Annual Field Day Dance to be held in Morss Hall of Walker Memorial, from 10 until 2:30, next Friday night.

Bon Bon, colored singer, who is scheduled to join the Top Hatters at the affair will supply the vocals for "shuffle rhythm".

Savitt Played at Meadowbrook

The Top Hatters, who recently finished a long-term engagement at Frank Daly's Meadowbrook, are now making a cross-country trip and while in this vicinity were signed for the Field Day affair.

Refreshments for the affair are to be served "cabaret" style during the entire evening at the tables located in balconies and the Trophy Room, according to Charles A. Wales, '41, chairman of the Dormitory Dance Committee.

A few tables are still free and may be reserved for the affair in the Main Lobby while they last between 12 and 2 today, while options are being redeemed. Since 320 options have already been sold, the committee expects that the tables will be all taken in short time after they open up sales today.

Sophs To Blank Frosh 15-0 In Field Day Rout

**Field Day Scramble
Starts Friday At 1:30**

Hear Ye!! Hear Ye!!

Field Day afternoon, the first of November, has been declared an afternoon of leisure by Dean of Students, Harold E. Lobdell. This means that from 12:00 o'clock on, all Technology will have the afternoon off to come out to see the Sophs and frosh battle it out for their interclass supremacy. A wild afternoon is promised for all.

The schedule of events is as follows:

- 10:00 A.M. Dinghy Race
- 1:30 P.M. First Pull of Tug of War
- 1:50 P.M. First Half of Football Game
- 2:35 P.M. Relay Race
- 2:55 P.M. Second Pull of Tug of War
- 3:10 P.M. Second Half of Football Game
- 3:55 P.M. Third Pull of Tug of War if necessary
- 4:10 P.M. Glove Fight
- 6:10 P.M. Banquet

Oscar Gives Every Event To Sophs; Has Never Missed In Predicting Winner

As the respective class squads round into shape for the fortieth annual Field Day Competition next Friday afternoon, the Sophomores reign as one of the most top-heavy favorites that have ever entered into this traditional lower class competition, according to Coach Oscar Hedlund, who predicts a score of 15-0.

Technology's Field Day seer is of the opinion that the Class of '43 will whitewash their freshmen opponents, winning all five events. In making this prediction Hedlund has behind him the tradition of having never been wrong in naming the ultimate Field Day winner.

"A definite lack of numbers and their fatal mistake of coming out late for practice will prove fatal to the freshmen," explained Oscar Hedlund in defense of his 15-0 prediction. The genial track coach was of the opinion that the lack of experience and a slow-forming organization will further the lower class defeat.

Though with his team definitely the favorite, Sophomore football coach Johnny Sexton radiated an atmosphere of gloom. "The squad's attendance at practice lately has been very poor, and I only hope that the team can round into shape by the end of the week,"
(Continued on Page 4)

Inst. Comm. Downs T. C. A. Request For Book Drive

**Levine Letter Charges
Misappropriation
Of I. S. S. Funds**

At the first special meeting of the Institute Committee in four years the Technology Christian Association was refused permission to conduct, in conjunction with its annual drive, a campaign for funds to buy books for student prisoners-of-war in foreign countries. The Committee agreed, however, to reconsider if further investigation proved the plan feasible.

I. Seth Levine, '41, president of the A.S.U., provided the climax of the evening when he read a letter charging that officials of the I.S.S., the organization sponsoring the solicitation, had misappropriated funds in Geneva, Switzerland. Other officers, prompted to resign by this action, maintained that these misused funds were employed to propagate war attitudes among students of the United States.

Dato Chief Investigator

Harold E. Dato, '41, who was in charge of the investigation, suggested in his opening report that the Institute Committee refuse the T.C.A.'s request because of inconclusive data. Sterling H. Iverson, '41, president of the T.C.A., then moved that the permission be granted to his organization.

Iverson said that the T.C.A. could not assume the responsibility of the campaign unless it was conducted at the time of the annual T.C.A. drive this fall.

'43 Dance Options Sold In Building 10

Sweet music these days is emanating from the inside of a lighted drum in the Main Lobby of Building 10. This is just to tell you that options are on sale for the Sophomore Dance, scheduled to take place in the Imperial Ballroom of the Hotel Statler on November 22.

Records of Gene Krupa's new orchestra are being played to show the passers-by that Krupa has given up the novelty-type routine for really danceable music. Sales of the options have been proceeding better than was expected, according to Robert S. Reebie, '43.

Field Day Banquet To Honor Battlers

**Clarence P. Houston
Tufts Athletic Director
To Be Chief Speaker**

The annual Field Day banquet is to be held in Pritchett Hall from 6:00 to 8:00 P.M. Field Day, Friday, November 1. Guest speaker is to be Clarence P. "Pop" Houston, athletic director of Tufts college, who will be introduced by Doctor John A. Rockwell, Field Day referee and toastmaster of the banquet.

The Field Day Banquet is a traditional occasion held yearly in honor of Field Day participants including competitors, managers, and coaches of Field Day sports.

Cabot Medals Presented

Sophomores Earle L. Bimson, John H. Niewenhaus, Merton R. Hubbard, James W. Goodhue, and John A. Thoele will receive Cabot Medals for outstanding physical improvement shown in Physical Training during freshman year. The traditional Field Day Cup is to be passed to each person at the banquet who will rise and give his name, class, and Field Day sport. Field Day Manager S. Young Tyree, '42, estimates that 150 people will attend.

Beaver Club Announces Ten New Junior Members

Robert S. Shaw, president of the Beaver Club, announces the following Juniors as new members: William E. Hense, Jr., James H. Henderson, Jr., Paul M. W. Bruckman, Eugene J. Brady, Jr., Frederick W. Baumann, Jr., John H. Shepard, Earle G. Foote, William J. Vallette, Philip E. Phaneuf, and John L. Whelan, Jr.

The Beaver Club is a Junior honorary society whose members are picked for their participation in extra-curricular activities.

Politicians Speak At Tech Forum

**Representatives Of
Two Major Parties
To Address Students**

Prominent representatives of the Republican and Democratic parties are to speak on the major issues of the coming presidential election at the first Tech Open Forum, at 5 P.M. tomorrow, in Huntington Hall.

Mr. LaRue Brown, former Assistant U. S. Attorney General, will attempt to explain the platforms and ideals of the present administration and argue in favor of the third term.

Henry Parkman, Jr., Republican candidate for U. S. Senator from Massachusetts, who was previously announced as the other speaker, has been forced to cancel the engagement because of pressing campaign duties.

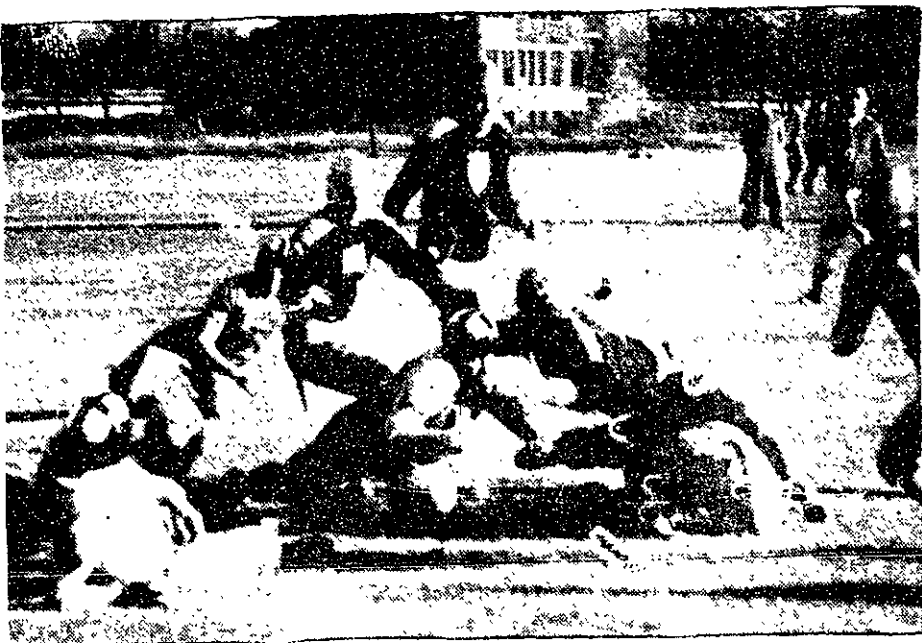
Mr. John H. English, prominent Boston broker and leader in the Republican party, will discuss its campaign and the personality and potentialities of Wendell L. Willkie. After the formal addresses, an informal discussion period will be held, during which the speakers will answer questions.

Warning Given Freshmen At Last Field Day Rally

Five hundred yowling, shouting freshmen piled into Huntington Hall last Friday at 5 P.M. for the second and last rally of the class of '44 designed to drum up spirit in the freshman class and to make plans for Field Day.

Amid hoots from every corner, speakers warned the freshmen of the ferocity of their opponents, and gave out advice on techniques for raising the freshmen Field Day score at the expense of the Sophomores. Ernest F. Artz, '42, vice-president, was chairman of the meeting.

SCRAPING THROUGH!



Staff Photo

Fabacher is desperately tackled by five Apprentices after a run around left-end from Tech's twenty-yard line.

Tech Eleven Forces 6-6 Tie Against Fore River Apprentices

Striking swiftly, early in the second quarter, to rack up a touchdown, and threatening repeatedly throughout the rest of the game, Tech's victory-bound football team was stalled by a rugged collection of iron workers from the Bethlehem Steel Apprentice School of Fore River Saturday afternoon. A momentary pass-defense lapse late in the first half allowed the Apprentices to score their touchdown. The final score was Tech 6, Apprentices 6. The referee stated it was the cleanest game at which he had ever officiated.

Tech received the first kickoff and in the exchange of kicks which followed, Marani of the Apprentices out-ranged Jack Arnold, slowly advancing the ball for the visitors. Then Tech's line forced the first break.

McGuire and Foote Recover

The Apprentices had the ball at midfield, Marani faded back to pass. He spotted his receiver, cocked his
(Continued on Page 4)

Sophs Will Plan Strategy For Glove Fight At Rally

A last tactical meeting of the Sophomore class will be held in anticipation of Field Day in Room 4-270 at 5 o'clock tonight. Strategy for the glove fight to enable the Sophs to outwit the frosh will be discussed. Coach Hedlund will speak on track and Field Day in general. Also John Sexton, '41, football manager, "Cap" Adelson, '41, tug-of-war coach and Franklin W. Koik, '41, sailing manager will tell the Sophs of their chances on Field Day. All team members are expected at the rally as practices were cancelled at this time to allow them to attend.

The Tech

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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MILDER, BUT LOTS OF BITE

This Friday afternoon several hundred members of the Sophomore and freshman classes will battle each other in a last ditch fight to determine once and for all the superiority of one of Tech's lower classes over the other.

The Field Day which we know to-day is not, unfortunately perhaps, the wide-open affair of years gone by. Victory over the other class could not always be claimed by winning a few organized athletic contests.

Gone, for example, with many other Tech traditions is the famous cane rush. It was just forty years ago, in fact, that the program of the Autumn classic included a cane rush for the last time. That year, after the gun had sounded to stop the struggle (usually the signal for the start of the fiercest fighting) one combatant was found unconscious on the bottom of the pile and another, suffering from a hemorrhage of both eyes and enlargement of the heart, had to be led off the field.

On the third of December of that year the Institute Committee appointed a sub-committee to confer with the Advisory Council on Athletics on the advisability of substituting an athletic meet in place of the cane rush. And at two o'clock on Tuesday, November 19, 1901, at Charles River Park, the first Field Day was held.

The freshmen won that year by capturing the football game and the relay race. Since then, they have been victorious only eight times.

Though it has softened through the years—from events like the sanguine cane rush to those of the graceful dinghy race, Field Day conveys enough of a thought of tradition and fight that we think of it even today as the one time when the two lower classes are turned loose on each other with only murder and manslaughter prohibited.

And, strange as it seems, this is a healthy condition. Healthy in spirit. If the contests have grown milder, there is all the more reason for harder fighting. Dig in there, '43 and '44. It's your day and your class. Above that, it's your chance to keep alive one of the oldest traditions of Technology.

It is hardly necessary to remark that sport-manship goes hand-in-hand with hard, clean



fighting. Give the other fellow an even break. But no more. There is no room for politeness in the glove fight. Nor should it be expected; every man is out there to lick the other guy who should realize that fact and anticipate no quarter.

We haven't got a cane rush any more, but what we have can be made as hard and as decisive as any event ever held on a Technology Field Day.

THE READER SPEAKS

October 24, 1940

Editor of The Tech:

Have you noticed that every time the Voo Doo staff opens its collective mouth, its amateurishness and childishness are revealed?

First, why in heck don't the guys who pick the so-called jokes find something really amusing for once—just once! Fellows from other schools who see our humor magazine always berate it as just an accumulation of so much trash. Some of the would-be-but-definitely-aren't jokes are just plain dirty, and are not even humorous to the innocent minds of incoming freshmen. All the others are just about completely senseless.

Shouldn't The Tech, in the best interests of Technology, make some move or motion to bring Voo Doo to a more really humorous viewpoint. Even Tech students can't stand some of the disgusting stuff in Voo Doo. And what little there remains isn't worth looking for on the off chance that it might be funny.

Too, there is the case of Harriet You-All-Know-Who. Just because a debutante who would probably have preferred to go to Harvard does come here, Voo Doo practically dedicates a whole issue to her. (Or should it be "dead-icates"?). Why does Phos want her? And if Phos does, why brag about it and so give some other gang a head start? Nah, Voo Doo guys haven't got any sense.

But all that is not the real point. It's plainly this: Haven't any fellows on the Voo Doo staff ever heard of or seen a deb before? They probably have, and they've probably known them better than they know Harriet A. So why oh why should they act like a bunch of kids over the Aldrich dame? So what if she does come to Tech! So what if G88 is her favorite subject! So what if she has a nifty convertible, and a nifty something-else! And just plain so what-the-hell! Haven't Voo Doo's editors been to the Old-Howard to see Ann Corio? Haven't they ever been to the beaches during July. Don't they know that the best girl you can pay attention to is the one you've got a chance of getting acquainted with? A mild "Nuts to Voo Doo" is the only printable ending I can offer.

GEORGE E. BROWN, '43.

ACTIVITY NOTES

Dramashop

"My Heart Is in the Highlands" by Saroyan and "Lima Beans", a farce, are two plays to be presented by the Dramashop on Saturday, November 16. Production managers for the two plays will be Lisa Minevitch, '42, and Raymond G. O'Connell, '41.

Alpha Phi Omega

Mr. O. A. Kitterman, head of the Boston scouting council, and Mr. Richard Frazer, field executive of the Boston council will speak at a meeting of Alpha Phi Omega, national scouting fraternity in Pritchett Hall on Wednesday, October 30th at 8:00 P.M.

Director of Admissions Brainard A. Thresher, Coach Oscar Hedlund, and Professor Dean Peabody, Jr., will also address the group. All prospective members interested in scouting activities who wish to continue these activities at the Institute are invited to attend.

Radio Society

Mr. George Bailey will address the Radio Society at its first regular meeting of the year to be held in Room 2-390 at 8 o'clock tonight. Mr. Bailey, W1KH, is President of the American Radio Relay League. All members and prospective members are invited.

I. A. S.

Mr. Ben Follett of Wiggins Airways spoke on economic factors involved in commercial airplane design at the first meeting of the newly formed Technology branch of the Institute of Aeronautical Sciences last night at 5:00 P.M. in Room 33-204.

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Nuclear Physics

(Continued from Page 1)

evening will be Dr. Enrico Fermi, the distinguished physicist of Columbia University, who will speak on recent advances in physics. Dr. Fermi won the Nobel Prize for his achievements in nuclear disintegration.

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Marshals and Ushers Announced

The following Juniors and Seniors have been announced as Ushers and Marshals for field day, and are expected to meet at 1:00 P.M. on Friday in the Briggs field house:

FIELD DAY USHERS

CHIEF USHER
JEROME T. COE

Bruce H. Anderson	Fred C. Leisserson
Malcom M. Anderson	Robert B. McBride
Jack S. Arend	Carl L. McGinnis
Ernest F. Artz	Daniel R. McNeal, Jr.
Donn W. Barber	John T. O'Connor
Jack D. Briggs	Fred H. Olsen
John T. Carleton	Joseph Osgood
Jack L. Collins	Philip E. Phaneuf
Alfred T. Dengler	John J. Quinn
William G. Denhard	Charles S. Ricker
Walter S. Eberhard	Franklin P. Seeley
John S. Ewing	Robert S. Shaw
Robert J. Fabacher	W. Hoover Shaw
Fred W. Gander	Peter B. Sibley
J. Henry Henderson, Jr.	Charles H. Smith, Jr.
William E. Hense, Jr.	Arthur H. Sweeney, Jr.
Daniel G. Hulett	Henry N. Titzler
Warren H. Kaye	Edward O. Vetter
Harry E. Knox, Jr.	Karl E. Wenk, Jr.
Harvey I. Kram	John L. Whelan, Jr.
John M. Le Bolt	Ray O. Wyland, Jr.

FIELD DAY MARSHALS

CHIEF MARSHAL
JOHN B. MURDOCK

William R. Ahrendt	Walter P. Keith
Johan M. Andersen	Jack M. Klyce
Stanley Backer	Warner I. Knight, Jr.
Clayton K. Baer	Martin Mann
J. Raymond Berry, Jr.	Richard A. Markey, Jr.
R. Wallace Blake	Robert J. Meier
R. Wilson Blake	Arnold S. Mengel
Kenneth E. Bohr	Warren J. Meyers
Albert H. Bowker	Howard A. Morrison, Jr.
Robert D. Coombs	Willard S. Mott
Richard F. Cottrell	Carl M. Mueller
Harold E. Dato	Joseph H. Myers
Robert J. Demartini	James K. Pickard
Rogers B. Finch	Mortimer P. Reed, Jr.
William M. Folberth, Jr.	L. Merton Richardson
Joseph G. Gavin, Jr.	Nathaniel M. Sage, Jr.
Preston R. Gladding	Howard J. Samuels
Lester W. Gott	Donald D. Scarff
Theodore H. Guething, Jr.	William R. Schwindler
Jack C. Heist	Norman I. Shapira
David W. Howard	James S. Thornton
Donald A. Howard	Stanley A. Tirrell
William K. Hooper	Lawrence C. Turnock, Jr.
Sterling H. Iverson, Jr.	Richard A. Van Tuij
Lewis T. Jester, Jr.	Robert S. Williams

Glove Fight Rules Are Announced

Following are the rules and requirements which pertain to the Glove Fight event for Field Day:

1. Each participant in the Glove Fight shall be issued one glove. The members of the two classes shall be distinguished by gloves of entirely different colors.

2. The contest shall last for twenty minutes. A warning gun shall be fired two minutes before the end of the fight, and a final shot shall end the fighting.

3. None shall be allowed to wear spiked shoes, or any other equipment which might be harmful to other contestants. Unnecessary roughness is strictly prohibited, and it shall be the duty of the marshals to see that fair play exists on all occasions.

4. Participants shall deposit the captured gloves in the barrel behind their own line. All gloves must be deposited in the barrel before the final gun to be counted.

5. A glove to count must consist of at least the finger portion of the glove. If torn in pieces, enough pieces must be brought in to make a full finger portion of the glove. The wristlet part of the glove, if brought in separately, will not count in the scoring.

Eight Close Games Decided In Grid League

Eight more games in the Beaver Key Football tournament were decided this past weekend, with most matches ending up closely.

In the games played at 10 A.M., Theta Chi went down to Sigma Alpha Epsilon, 6-12; Phi Kappa won a hard game over Delta Tau Delta, 7-0; and Phi Delta Theta went down to Phi Beta Epsilon to the tune of 18-0.

The afternoon games resulted in victory for Sigma Chi against Theta Delta Chi, 12-0; for Delta Epsilon over Phi Sigma Kappa 8-0, and Lambda Chi Alpha over the Student House 18-0. Sigma Nu won out 7-0 in a hard fought game against Theta Xi, while Phi Mu Delta were awarded their game due to default of their opponents, Delta Psi.

Booters Bow To Coast Guard

Briggs Field Scene Of 4-2 Defeat Of Tech Soccer Squad

The Beaver booters went down to Coast Guard, 4-2, in a strenuous game marred by strong gusts of wind off the Charles, on the Coop field on Saturday.

Tech started off the game at a hot pace, pressing the Academicians back to their goal and Fernandez drew first blood for the Cardinal early in the period. The Coast Guard squad hit back soon, however, when they scored their first goal from a corner kick to tie the score. Tech went ahead again near the end of the quarter when Fernan finished up a good movement by banging the ball into the net.

Tech Press Hard

Coast Guard once again drew level in the middle of the second quarter, but Tech was still pressing for the majority of the period. The half came with the score tied at 2-2.

The wind, which blew up stronger in the second half, made control difficult, and play was ragged, with both teams having their fair share of the ball. Coast Guard was on top, however, and put two goals in to end up the game 4-2.

The freshmen playing at the same time against Governor Dummer, in an away game, also went down 3-0, due chiefly to inexperience, and the fact that there are not enough men out from which to choose a good team. Coach Goldie has expressed the hope that more material will show up in the near future.

Rifle Team Holds Seasonal Tryouts

Frosh And Varsity Best Men Will Be Kept On To Make Up Teams

The shooting teams held their first workouts of the year yesterday when they began trial and practice shooting respectively.

The rifle team has started its tryouts for both frosh and varsity teams which will last until Saturday, November 9.

The best thirty-five men on the varsity and the best twenty frosh will be retained to compete for team positions which will be later determined. Times at which these tryouts are held are as follows: Varsity, Monday, 2-5; Tuesday, 1-5; Friday, 2-5; and Saturday, 9-1; and frosh, Monday, 9-12, and Friday, 9-12 and 2-5.

Nine Beaver Key Games Set For Week-End

Beaver Key games scheduled for the weekend, Saturday, November 2 and Sunday, November 3, are announced as follows: Sigma Alpha Epsilon vs. Delta Kappa Epsilon; Chi Phi vs. Phi Kappa Sigma; Lambda Chi Alpha vs. Phi Beta Delta; Delta Upsilon vs. Commuters; Kappa Sigma vs. Alpha Tau Omega; Phi Gamma Delta vs. Phi Kappa; Beta Theta Pi vs. Sigma Alpha Mu; Phi Beta Epsilon vs. Sigma Nu; and Phi Mu Delta vs. Sigma Chi.

Harriers Beaten By Yale, 22-39

Tech Held Back In Race At New Haven By Lack Of Two Good Runners

The Technology cross-country team, badly handicapped by the absence of two of its best runners, Bill Cochran and Stan Backer, was beaten 22 to 39 by Yale in a five-mile race held at New Haven last Saturday.

The Tech harriers, who should, according to Coach Oscar Hedlund, be enjoying a successful season, have now lost three meets. Most of the blame for this bad showing can be placed on the injury jinx which has caused Stan Backer, the captain, to miss all three meets, and has forced Bill Cochran, the captain of last year's freshman team, to miss the last two races after placing well in the Connecticut meet.

Last Saturday's race was won by Bird of Yale, who covered the course in twenty-eight minutes and six seconds. McGregor of M.I.T. finished second, sixteen seconds behind the winner. The other Tech runners were Gow who finished fourth; Gott, tenth; Turnock, eleventh; Miller, twelfth; Campbell, thirteenth, and Corsa, fourteenth.

The next race, which is against Dartmouth, will take place at Hanover, N. H., next Saturday. Cochran and Backer have not yet recovered and will not be able to run but Oscar Hedlund is, nevertheless, hoping for victory.

Princeton Wins Dinghy Race

Tech Places Fifth As Coe And Knapp Tie With Northeastern

Sunday afternoon the trophy cup-board of the Nautical Association lost another star boarder as Princeton skippers topped a fleet of intercollegiate yachtsmen with 71 points to take the Boston Dinghy Challenge Cup, major collegiate sailing trophy, down to Princeton.

Nassau's Gardner Cox and Trevor Pardee, the same skippers who last year collected Technology's Morss Cup, sailed through a fleet of forty-two crews from twenty-one member colleges of the Intercollegiate Yacht Racing Association to win the two top trophies in the collegiate sailing world.

Tech Fifth

Tech sailors Jerome T. Coe, '42, and Richard Knapp, '41, tied with Northeastern for fifth place with 57 points.

Second place in the regatta was picked up by Harvard with 67 points; third went to the U. S. Coast Guard Academy which gained 61 points.

Beavers Lead Early

Technology started off in the morning round of qualifying races to lead the group over a rough and windy Charles River course for first place in the qualifications. Afternoon races saw the lead shifting between Princeton, the Coast Guard Academy and Harvard College until late in the afternoon, when with chilly gray skies spelling loss for Technology, Princeton clinched its hold on number one place in the intercollegiate yachting circles.

Sailing with Coe, as crew, was Thomas Crowley and with skipper Knapp in the other Technology yacht, was George Palmer.

Other major team scores and places were: Dartmouth, 60; Navy, sixth, 47; Brown, seventh, 44; Michigan, 40; Williams, 39; B. U., 34 and Tufts College, 11.

Consolation prize went to the University of New Hampshire, one of whose skippers, Ruth Dickson was the only woman sailing the regatta.

Football Statistics For Last Game Announced

	Tech	Apprentices
Score	6	6
Yds. Pass	25	40
Yds. Rush	100	38
Pass Att.	12	9
Pass Comp.	1	2
Pass Int. by	1	1
Penalties yds.	5	10
Ave. Dist Punts	35	37.3
First Downs	5	3

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Jack Arnold, Fighting Back, Scores Point

(Continued from Page 1)

arm, and was immediately smeared by Captain McGuire and Earl Foote. When Marani picked himself off the ground, Foote and McGuire were cuddling the orphaned pigskin on the Apprentice 39 yard line.

Coach Hunt sent Bill Hooper into the game on the spot. Monk Bunn ripped off 5 yards to the 34. Hooper shovel-passed to Arnold who scampered to the 24 as the quarter ended. Monk Bunn whacked off nine more yards right through the middle of the stamped Apprentices. Hooper followed suit off-tackle to the 2 yard stripe. A line play was stopped; then Jack Arnold went over left guard for the touchdown. A bad pass from center forced a hurried drop kick by Hooper which didn't connect for the point after leaving Tech six points ahead.

Apprentices' Passes Count

Tech kicked off over the goal. Two Apprentice line shots were stopped cold and DiBona kicked out to Bunn on the Tech 38-yard line. Bunn dashed back to the 45 before being downed. Arnold faded to pass and did. Oliviero intercepted for the visitors and in five plays, count 'em, the score was deadlocked. Clapp dashed to the Tech 43. Cingolani's pass was batted down. DiBona faded, passed to Clapp who lateraled to Littlejohn and the ball rested on the Tech 26 yard marker. The play completely fooled the Tech defense.

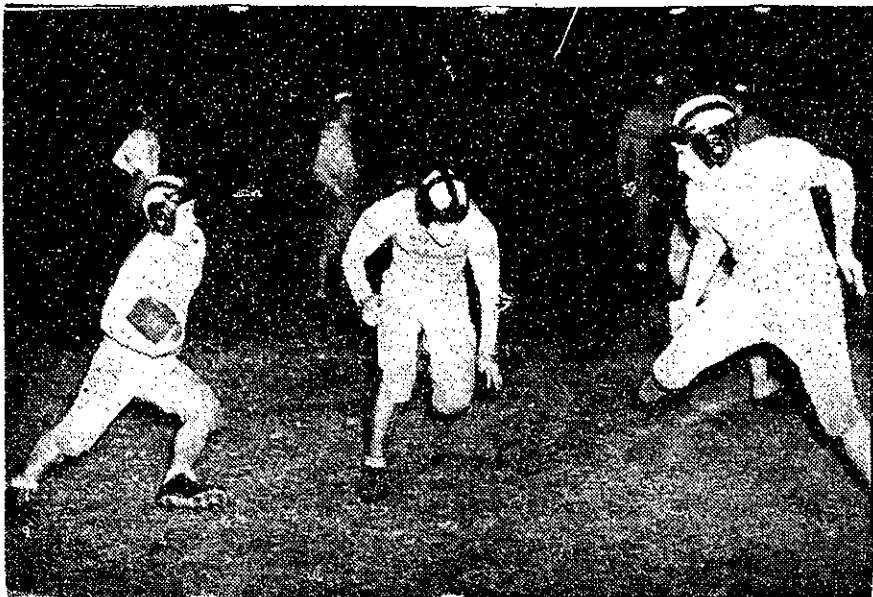
Cingolani hit the line and DiBona passed to Clapp for the payoff points. The point after was attempted on a pass from DiBona to Garland. It was knocked down by the wary Tech defense.

The second half opened with a bang. After an exchange of kicks, Tech was in possession on the visitors 35 yard line. Charlie Dodson now in at quarterback pulled a gem out of the Tech bag-of-tricks. On a fake spinner he faded back and with all the time in the world, looked over his field and shot a good pass to Bob Evans who completed it with a perfect catch in the middle of two opponents on the ten yard stripe.

In the final session Jack Arnold burst through the Apprentice secondaries and bolted twenty yards up the right sidelines where Cingolani, the safety man, just tripped him in a last second diving clutch at midfield. Nothing came of it however. Then McGuire and Hook recovered a Cingolani fumble on the Apprentice 30. The visitors held again.

As time was running out, Bill Hooper went back to safety and took a Cingolani kick on the Tech 31-yard line. He charged up the middle, cut to the right and galloped along the sidelines to the opposing 31-yard line where he was bumped out of bounds. With time for one play left, Hooper tried a pass which just missed connecting, leaving the game ended in a 6-6 tie.

HATHAWAY CARRIES THE MAIL



Bud Hathaway, regularly a blocking back for the Sophomore grid squad, tries his hand at carrying the ball as his team preps for the Field Day Battle on November 1.

Staff Photo

Lack Of Early '44 Class Spirit Will Aid Sophomores Field Day

(Continued from Page 1)

moaned the usually smiling Sexton. The coach mentioned that the fellows have been talking a lot about their defeat last year, but that as yet they have done nothing concrete about it. On the other hand Jack Finger, Freshmen mentor, claimed that his boys were "small but plenty tough." So evenly divided is the freshman material that the coach plans a game this week between two evenly matched teams from the frosh squad, the winner being the Field Day starting eleven.

Both tug-of-war teams feel confident of victory for their class November 1. Freshman coach Bob Greenes maintains that his squad has plenty of spirit and weight and expects to pull the Sophomores off their feet Field Day afternoon. Just as confident is "Cap" Adelson, Sophomore coach, in his new system of pulling. The Class of '43 has been practicing quite often on their new technique and thus far have been very successful.

Both the Glove fight and the dinghy race seem to be summed up in experience vs. numbers. The advantage the upperclass enjoys after sailing on

the Charles for a full year, and the experience gained in the Glove Fight will prove too steep a barrier for the new men.

The relay promises to be one of the closest of all events. Both squads have six men who can do :26.0 or better for the 220-yard dash, though the sophs have the fastest sprinter. Coach Hedlund believes that the spirit of the frosh will keep the race close in the earlier stages, but will fall behind at the finish.

Nuclear Physics

(Continued from Page 2)

Distinguished Scientists

Among the distinguished scientists who will be chairmen of the various technical sessions are Dr. James B. Conant, president of Harvard University; Dr. Ernest O. Lawrence, of the University of California, winner of the Nobel Prize for the development of the cyclotron; Dr. Harold C. Urey, discoverer of heavy water; and Dr. Robert J. Van de Graff of the department of Physics of the Institute.

Of particular interest is the discussion of the application of techniques

in nuclear physics to the treatment of disease. Observers are enabled to study reactions by the so-called tracer methods—that is making components of the reactions artificially radioactive so that they can be easily detected as they travel through the body. Probably the best-known application of the methods of nuclear physics in medicine has been in the use of radiology in the treatment of cancer.

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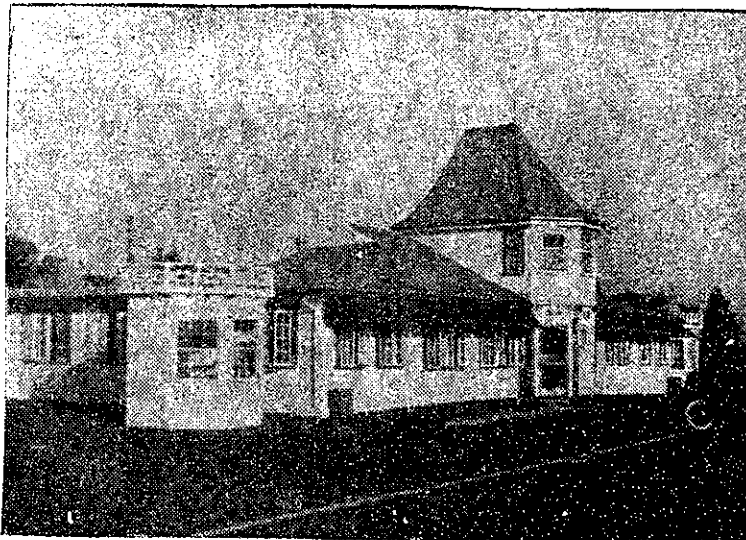
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